



Mohammed Salem AL-Rabbaee

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Mechanical Engineering (Production and Mechanical Systems Design)

CAREER GOAL

The goal is to participate in solving the problems that related to Mechanical engineering and contribute to the success of the company and achieve its goals through what I have of knowledge and skills as a mechanical engineer, and enhance my experience in the industry.

AREA OF INTEREST

- Fluid Mechanics.
- Heat Transfer, Thermodynamics.
- Analysis and design of machinery, equipment and material handling systems.
- Production and manufacturing techniques and automations.
- Testing, measurement, inspection and quality control of products.
- Maintenance, failure analysis and fault diagnosis of mechanical systems.

SKILLS

- **Leadership and Teamwork :**

I have leaded my final project during my obtaining Bachelor degree and I have done some projects with team for several classes in King Abdul-Aziz University.

- **Technical Skills:**

Technology/Software: MS Office, MS Project, Finite element analysis using ANSYS and SolidWorks, AutoCAD and MATLAB.

- **Researching and Resources skills.**

I have done some researches for several classes in King Abdul-Aziz University.

ACADEMIC PROJECTS

- Design of a speed reducer.
- Design of a road blocker.
- Design and manufacture of a solar power tower.

WORK EXPERIENCE

- 6 Months Exp. In **ARAMCO COMPANY**, COOP. TRAINING, (June, 2015 – Dec, 2015):

A training at Jeddah Refinery under COOP. TRAINING Program. For more information please contact Mr. Zuhair Takhah at (zuhair.takhah@aramco.com).

- 1 Year Exp. In **King Abdul-Aziz University**, Deanship of Scientific Research, (Aug, 2014 – Apr, 2015):

A core participation in design and manufacture of a solar power tower as a senior project. For more information please contact Prof. Nidal Abu-Hamdeh at (nabuhamdeh@kau.edu.sa)

EDUCATION

- Bachelor of Science from the faculty **Engineering** in **Mechanical Engineering** with GPA: 4.27/5 (VERY GOOD) .In 2015 / December. From **KING ABDULAZIZ UNIVERSITY**, Jeddah, Saudi Arabia.

ACHIEVEMENT

- Third rank in the presentations of researches in engineering sciences in the Sixth Scientific Forum in 2015